Coreline 2.0

RC100C LED35S/840 PSU W60L60

LED module 2200 lm – 840 neutral white – Power supply unit

Coreline 2.0 keeps the compact design of the last generation with performance improvement and more variants for different markets.Integrating with ActiLume controller, Coreline 2.0 offers additional energy saving through daylight harvesting and motion sensing.

Product data

General Information

Lamp family code	LED22 [LED module 2200 lm]
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Beam angle 60 to 120°
Optical cover/lens type	Variable linear-lens array in polycarbonate cover
Luminaire light beam spread	90°
Control interface	–
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
CE mark	CE mark
ENEC mark	–
UL mark	–
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	Yes
Spare parts available	Yes
Number of products on MCB of 16 A type B	24
Light source engine type	LED

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 or 60 Hz
Power Factor (Min)	0.9
Power Factor (Nom)	0.9

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Material	Steel
Reflector material	Steel
Optic material	Polycarbonate

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Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Ribbed
Color	White

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]

Initial Performance (IEC Compliant)

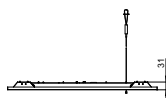|	
Initial luminous flux (system flux)	3700 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	101 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial input power	36.5 W
Power consumption tolerance	+/-10%

Application Conditions

Ambient temperature range	–20 to +40 °C
Performance ambient temperature Tq	25 °C

Product Data

Full product code	911401824699
Order product name	RC100C LED35S/840 PSU W60L60
Order code	911401824699
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	2
Material Nr. (12NC)	911401824699
Net Weight (Piece)	2.999 kg

IK03

Dimensional drawing

597

597

31

Coreline gen2 RC100C

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2019, September 13 – data subject to change